Subject: Re: Just for fun
Posted by Wout De Nolf on Fri, 09 Sep 2011 08:07:40 GMT

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On Wed, 7 Sep 2011 12:54:23 -0700 (PDT), Bob <bobnnamtrop@gmail.com>
wrote:

> Yikes! This makes me fear New Graphics.

Exactly! Even closing the window doesn't clean up everything:

```
IDL> .RESET_SESSION
IDL> help,/heap
Heap Variables:
    # Pointer: 0
    # Object : 0
IDL> p=plot(findgen(10))
IDL> help,/heap
Heap Variables:
    # Pointer: 5031
    # Object : 4425
IDL> obj_destroy,p  ; Window is still there
IDL> help,/heap
Heap Variables:
    # Pointer: 5031
    # Object : 4424
...close window...
IDL> help,/heap
Heap Variables:
    # Pointer: 1171
    # Object : 1399
```

This would make sense if the next plot reuses some of these objects:

```
IDL> p=plot(findgen(10))
IDL> help,/heap
Heap Variables:
    # Pointer: 5050
    # Object : 4445
```

It seems to do that, but some objects are not reused/deleted, so
plotting+closing many times increases heap allocation. This serves no
purpose that I can think of.